

Manifolds

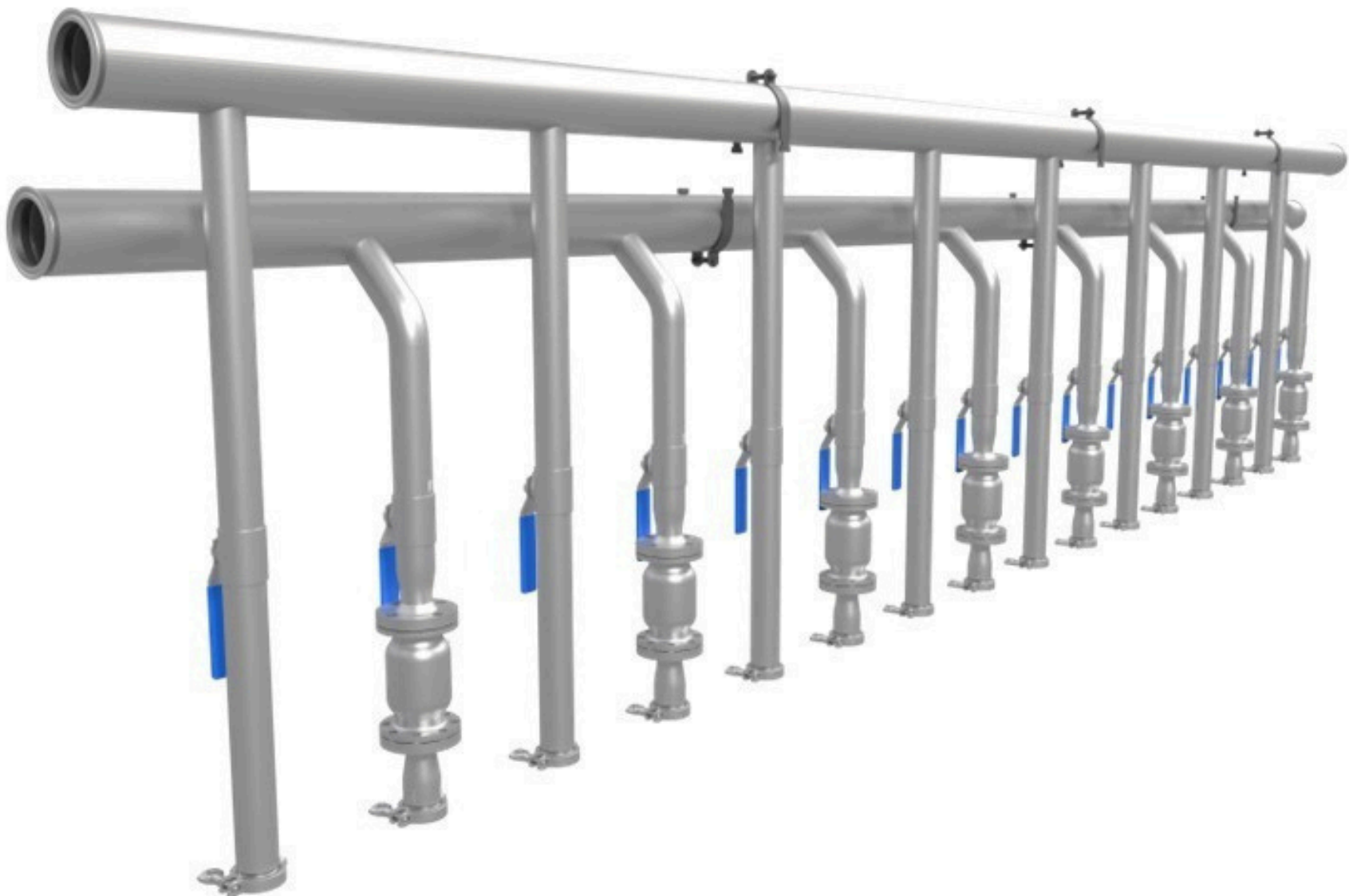
Liquid cooling manifolds are engineered components that distribute coolant from a central supply to multiple server inlets and outlets within high-density IT racks.

Designed for precision and scalability, they support direct-to-chip cooling in AI-ready data centres.

By managing liquid flow efficiently, manifolds enable better cooling performance, improved system reliability, and support for higher rack power densities.

Our manifolds are compatible with both liquid-to-liquid and direct liquid-to-chip cooling technologies.

Tate do not dictate the cooling method. That decision is left to the client, based on their specific needs and infrastructure.



Technical Specifications	
Material:	Stainless Steel
Pipe diameter	50-200mm
Isolation valve	Included
Control valve	Included
Non return valve	Included

Specifications

- Integrates with Tate HAC and Ceiling systems.
- Cleaned and flushed to 25 microns.
- Compatible with a wide range of cooling liquids.
- Supports extensive range of operating pressures.
- Welding standard to EN1090 and ISO3834
- Pressure tested to 90 PSI

Tate manifolds are customisable and manufactured as per project specifications. Talk to Tate technical team for design and technical drawing specific to your requirements

Identification and Tracibility

Fully traceable from supply to site, giving you access to material certificates and inspection reports.

Flushing

Pressure and leak tested in a factory controlled setting prior to shipping, ensuring a leak free performance.

Mounting

Internal unistrut cantilever arms with zebedee nuts allow for adaptable manifold placement on Tate HACS.

Production Capacity

Scaleable in house production capacity ensures on-time delivery.

Contact our technical team for support: T: (02) 9612 2300, E: info@tateapac.com



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Please note we reserve the right to change specification or design and supply products which may differ from those described and illustrated without notice and without liability.
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